

# Case Study #2

## King's Cross NUS, London

This service and maintenance call out was completed in September 2014 with one of our highly qualified maintenance partners. The site visit was a routine check-up with no immediate issues concerning the rainwater harvesting system. However, the client wanted to ensure the system remained in good working order with piece of mind being paramount.

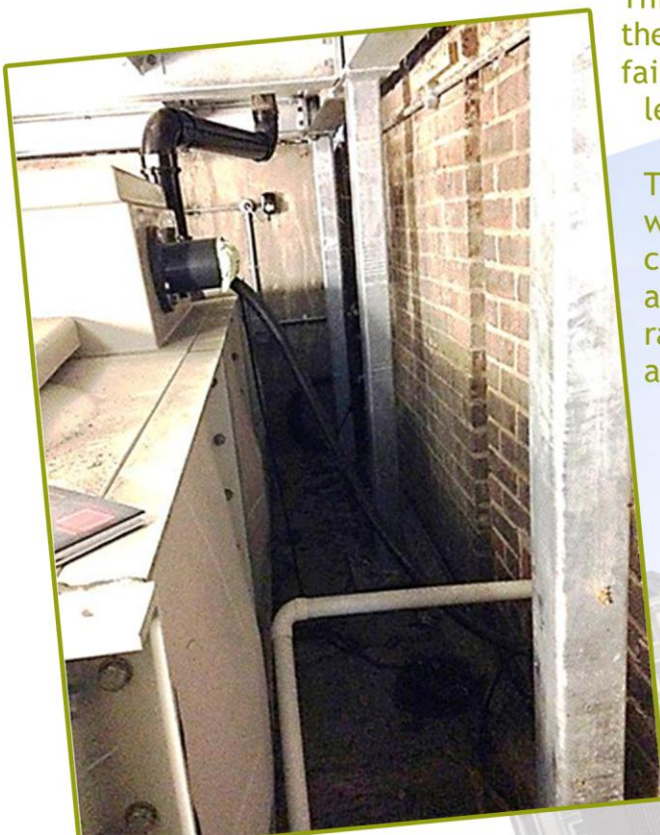
The system in question was a compact basement system with a fully integrated water management unit. This standard routine check included:

- > checks on main and break tank
- > filter cleaning
- > visual checks on the management unit
- > delivery of an advisory notice to bring the system up to the required standard to conform to current regulations and standards



This retro-fitted rainwater harvesting system incorporated a 3000 litre below ground tank which supplied an internal sectional break tank. Water was filtered via an internal tank filter unit with the control unit being a compact water management pumping system. This was designed to supply four WCs on each floor of the NUS building.

A full health check was performed at the agreed time, whereby a full in depth report was drawn up. This highlighted a few issues which were noted and added to the advisory notice, including: water quality (discolouration), failed connections, minor corrosion of fittings, and a slight leak, although none of these points posed a major problem.



This system also had no regulation black and green labelling which is required to identify the system as a non-potable, category five water system, to comply with water regulations and BS 8515. This is a common problem found with aging rainwater systems and therefore identified as a primary action.

The rainwater harvesting system is now subject to an ongoing maintenance schedule.

In keeping with RainCatcher's motto of design, supply, install & maintain, this kind of service is offered on a nationwide basis, either through our approved installers or utilising one of our in-house specialist teams. RainCatcher Products and Services Ltd run regular fully certified courses at our head office on the Wirral or via our training partners located across the country.